

State of Alaska
Department of Fish and Game
Nomination for Waters Important to Anadromous Fish

AWC Volume **SW**

USGS Quad

Port Moller B-2

Anadromous Water Catalog Number of Waterway

282-12-10800 / 10700

Name of Waterway

USGS name

Local name **Zachary Bay-Unga I.**

Addition **Yes**

Deletion

Correction **X**

Backup Information

X

For Office Use

Nomination #	99 198	Regional Supervisor	11/20/2000
Revision Year:	00		Date
Revision to:	Atlas _____ Catalog _____		12/2/99
	Both X	AWC Project Biologist	Date
Revision Code:	C-1	J. Shone	2/4/00
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: See data provided on stream number 282-1207; shares common mouth with 282-1206, **AWC listed 28212-10800**

Stream mouth: 55° 18' 29.3" or 55.308131° and 160° 39' 10.4" or -160.652879°

Upper Salmon Limit: 55° 18' 07.7" or 55.302128° and 160° 38' 58.8" or -160.649666°

Section = 29 Town = 56 S Range = 74 W S.M.

ALASKA DEPT. OF
FISH & GAME

ADD CH

CHANGE # TO

10700

SEP 30 1999

Name of Observer (please print)

Date:

Signature:

Address:

REGION II
HABITAT AND RESTORATION
DIVISION

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist:

James N. McCullough

9/27/99

Revision 7/93

Prepared by:

James N. McCullough

September 20, 1999

Regional (Blackburn's) database, 13 August 1999.

Stream: Zachary Bay 282-1207

Date	Observer	Location	Visibility	Species					Observer Remarks
				Chinook	Sockeye	Coho	Pink	Chum	
08/30/1962	Glenn Davenport	Stream		0	0	0	300	0	DISTANCE SURVEYED: 1/8 MILE. STREAM VERY SMALL.
		Mouth		0	0	0	0	0	SPAWNING PAST PEAK.
		Bay		0	0	0	0	0	
07/22/1963	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth		0	0	0	750	0	
		Bay		0	0	0	0	0	
08/03/1963	Gilpin	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth		0	0	0	10,000	0	
		Bay		0	0	0	0	0	
08/10/1963	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: MOUTH. POOR LIGHT.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/31/1963	Glenn Davenport	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/2 MILE. POOR LIGHT. SOME
		Mouth		0	0	0	0	0	250 PINKS DEAD IN STREAM.
		Bay		0	0	0	0	0	
08/14/1964	Glenn Davenport	Stream		0	0	0	20	0	DISTANCE SURVEYED: MOUTH. CREEK VERY LOW.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
08/31/1964	Glenn Davenport	Stream		0	0	0	150	0	DISTANCE SURVEYED: 1/4 MILE. 50 ALREADY DEAD.
		Mouth		0	0	0	25	0	VERY POOR LIGHT
		Bay		0	0	0	0	0	

07/24/1965	Ken Durley	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/01/1965	Ellis King	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/08/1965	Ken Durley	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/10/1965	Ken Durley	Stream	0	0	0	0	0	DISTANCE SURVEYED: MOUTH.
		Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/25/1965	Ken Durley	Stream	0	0	0	1,100	0	DISTANCE SURVEYED: 1/2 MILE. GOOD SEEDING.
		Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
07/17/1966	Mel Morris	Stream	0	0	0	0	0	DISTANCE SURVEYED: ? NOTHING.
		Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/01/1966	Mel Morris	Stream	0	0	0	0	0	DISTANCE SURVEYED: ? NOTHING.
		Mouth	0	0	0	0	0	
		Bay	0	0	0	0	0	
08/15/1966	Mel Morris	Stream	0	0	0	0	0	DISTANCE SURVEYED: ? TURBULENT, BUT COULD SEE
		Mouth	0	0	0	0	0	NOTHING.
		Bay	0	0	0	0	0	
07/11/1967	Richard Guthrie	Stream	G	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. SURVEY CONDITIONS
		Mouth	G	0	0	0	0	GOOD.
		Bay	G	0	0	0	0	

07/14/1967	Stream	F	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. MOUTH AND BAY
Richard Guthrie	Mouth		0	0	0	0	0	ROUGH, STREAM VISIBILITY FAIR.
	Bay		0	0	0	0	0	
07/23/1967	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
Richard Guthrie	Mouth		0	0	0	20	0	
	Bay		0	0	0	0	0	
07/28/1967	Stream	G	0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE. GOOD SURVEY
Richard Guthrie	Mouth	G	0	0	0	0	0	CONDITIONS.
	Bay	G	0	0	0	0	0	
08/01/1967	Stream		0	0	0	0	0	DISTANCE SURVEYED: 1/4 MILE.
Richard Guthrie	Mouth		0	0	0	50	0	
	Bay		0	0	0	0	0	
08/17/1967	Stream		0	0	0	30	0	DISTANCE SURVEYED: ENTIRE AREA.
Richard Guthrie	Mouth		0	0	0	2,500	0	
	Bay		0	0	0	0	0	
09/06/1967	Stream		0	0	0	50	0	DISTANCE SURVEYED: ENTIRE AREA.
Richard Guthrie	Mouth		0	0	0	0	0	
	Bay		0	0	0	0	0	
07/25/1968	Stream	g						1 MILE SURVEY. GOOD SURVEY CONDITIONS; WATER LOW.
Richard Guthrie	Mouth	g						
	Bay							
08/07/1968	Stream	g						1/2 MILE SURVEY. 20 PINKS NEAR MOUTH.
Richard Guthrie	Mouth	g						
	Bay							
08/23/1968	Stream	p						POOR VISIBILITY, BUT CAN'T BE MUCH.
Richard Guthrie	Mouth	p						

Date	Surveyor	Location	Depth	Notes
08/01/1969	Richard Guthrie	Stream g Mouth g Bay		1/2 MILE SURVEY. GOOD VISIBILITY; NO FISH.
08/14/1969	Richard Guthrie	Stream g Mouth g Bay		1/2 MILE SURVEY. SEE 12.08.
08/30/1969	Richard Guthrie	Stream g Mouth g Bay	400	WATER VERY LOW. 20 CARCASSES.
07/31/1970	Mike Geiger	Stream p Mouth p Bay		1 MILE SURVEY. NOTHING SEEN; TURBULENT.
08/06/1970	Mike Geiger	Stream p Mouth p Bay		1 MILE SURVEY. NOTHING SEEN; VERY TURBULENT.
08/08/1970	Mike Geiger	Stream p Mouth p Bay		1 MILE SURVEY. NOTHING SEEN; VERY TURBULENT.
08/11/1970	Mike Geiger	Stream Mouth g Bay	5,000	DID NOT SURVEY CREEK.
08/23/1970	Mike Geiger	Stream g Mouth g Bay	500 1,800	1 MILE SURVEY.
07/28/1971		Stream g		DID NOT SURVEY CREEK.

	Mike Geiger	Mouth Bay	g	50	
08/02/1971	Mike Geiger	Stream Mouth Bay	g g		200 MIXED PINKS AND CHUMS AT MOUTH.
08/12/1971	Mike Geiger	Stream Mouth Bay	p p		1/4 MILE SURVEY. VERY TURBULENT. DIFFICULT TO SURVEY.
08/27/1971	Mike Geiger	Stream Mouth Bay	g g	100	1/4 MILE SURVEY.
07/20/1972	Barry Tourp	Stream Mouth Bay	g g		
07/27/1972	Barry Tourp	Stream Mouth Bay	g g	100	
08/21/1972	Barry Tourp	Stream Mouth Bay	g g		
09/03/1972	Barry Tourp	Stream Mouth Bay	g g	200	
07/21/1973	Darrel Van Dyke	Stream Mouth Bay	g g		SURVEY OF MOUTH. GOOD SURVEY CONDITIONS.

07/27/1973	Darrel Van Dyke	Stream	g		SURVEY OF MOUTH. NO FISH.
		Mouth	g		
		Bay			
09/01/1973	Glenn Davenport	Stream	g	50	
		Mouth	g		
		Bay			
08/03/1974	Robert Dejong	Stream	g		1/4 MILE SURVEY.
		Mouth	g		
		Bay			
08/12/1974	Robert Dejong	Stream			SURVEY OF MOUTH. TOO TURBULENT TO FLY STREAM.
		Mouth	g	200	
		Bay			
07/24/1975	Robert Dejong	Stream	g		SURVEY OF MOUTH.
		Mouth	g		
		Bay			
07/30/1975	Robert Dejong	Stream	g		1 MILE SURVEY.
		Mouth	g		
		Bay			
08/07/1975	Robert Dejong	Stream	g		SURVEY OF MOUTH. NOTHING SHOWING.
		Mouth	g		
		Bay			
08/12/1975	Glenn Davenport	Stream	g		1/4 MILE SURVEY.
		Mouth	g	20	
		Bay			
08/18/1975	Robert Dejong	Stream	g		1/2 MILE SURVEY.
		Mouth	g	900	
		Bay			

08/26/1975	Stream	g	900	QUESTIONABLE SPECIES COMPOSITION AT MOUTH. FISH INSIDE 1 MILE.
Robert Dejong	Mouth	g	1,100	
	Bay			
07/22/1976	Stream	g		SURVEY OF MOUTH. 4,000 MIXED PINKS AND CHUMS AT MOUTH.
Robert Dejong	Mouth	g		
	Bay			
07/26/1976	Stream	g		SURVEY OF MOUTH.
Unknown	Mouth	g	1,000	
	Bay			
07/28/1976	Stream	p		SURVEY OF MOUTH. POOR VISIBILITY; CHOPPY.
Robert Dejong	Mouth	p		
	Bay			
08/06/1976	Stream	g		SURVEY OF MOUTH.
Robert Dejong	Mouth	g		
	Bay			
08/13/1976	Stream	g	300	1/2 MILE SURVEY. 10,000 MIXED PINKS AND CHUMS AT MOUTH.
Robert Dejong	Mouth	g		
	Bay			
08/22/1976	Stream	g	100	1/2 MILE SURVEY.
Robert Dejong	Mouth	g	200	
	Bay			
09/01/1976	Stream	g	100	500 CARCASSES.
Marlin Bricker	Mouth	g		
	Bay			
07/17/197	Stream	g		25 ON FLATS OF .06 AND .07.
Tim Jackinsky	Mouth	g		

	Bay			
07/19/1977	Stream			SURVEY OF BEACH.
Unknown	Mouth	g		
	Bay			
07/22/1977	Stream	g		SURVEY OF MOUTH. 25 ON FLATS OF .06 AND .07.
Tim Jackinsky	Mouth	g	800	
	Bay			
07/26/1977	Stream			SURVEY OF BEACH.
Unknown	Mouth	g		
	Bay			
07/28/1977	Stream	g		SURVEY OF MOUTH. 15 ON FLATS OF .06 AND .07.
Tim Jackinsky	Mouth	g	15	
	Bay			
08/01/1977	Stream	g		SURVEY OF MOUTH.
Tim Jackinsky	Mouth	g	200	
	Bay			
08/07/1977	Stream	g		SURVEY OF MOUTH.
Tim Jackinsky	Mouth	g		
	Bay			
08/25/1977	Stream	g	200	1/2 MILE SURVEY. PLUS 200 CARCASSES.
Tim Jackinsky	Mouth	g		
	Bay			
09/01/1977	Stream	g	2,000	1/2 MILE SURVEY. PLUS 500 CARCASSES.
Tim Jackinsky	Mouth	g	100	
	Bay			
07/10/1978	Stream	g		SURVEY OF MOUTH.

	Tim Jackinsky	Mouth Bay	g		
07/14/1978	Tim Jackinsky	Stream Mouth Bay	g g		SURVEY OF MOUTH.
07/22/1978	Tim Jackinsky	Stream Mouth Bay	g g		SURVEY OF MOUTH.
07/27/1978	Tim Jackinsky	Stream Mouth Bay	g g	1,000	SURVEY OF MOUTH; SCHOOLED OFF MOUTH.
08/06/1978	Tim Jackinsky	Stream Mouth Bay	g g	150 2,000	1/2 MILE SURVEY.
08/09/1978	Tim Jackinsky	Stream Mouth Bay	g g	200	200 1/2 MILE SURVEY. CHUMS MOSTLY DEAD.
08/15/1978	Tim Jackinsky	Stream Mouth Bay	g g	1,500	1/2 MILE SURVEY. 2,000 DEAD FISH OFF MOUTH.
09/03/1978	Tim Jackinsky	Stream Mouth Bay	g g	1,200	1/2 MILE SURVEY. 70% DEAD.
09/06/1980	Tyler Gilmer	Stream Mouth Bay	g g	200	

09/03/1982	Stream	g		250 OF WHICH 200 WERE CARCASSES.
Tyler Gilmer	Mouth	g		
	Bay			
08/11/1983	Stream	g		200 CHUM ON BEACH.
Tyler Gilmer	Mouth	g		
	Bay			
08/21/1983	Stream	g		2,000 FISH AT MOUTH. NOTHING IN STREAM.
Tyler Gilmer	Mouth	g		
	Bay			
08/09/1984	Stream	g		LOW WATER LEVEL.
Jim Mccullough	Mouth	g	500	
	Bay			
08/13/1984	Stream	g		
Jim Mccullough	Mouth	g	500	
	Bay			
09/04/1984	Stream	g	30	PLUS 125 PINK CARCASSES.
Len Schwarz	Mouth	g		
	Bay			
08/29/1985	Stream	g		SEE 12.06.
Len Schwarz	Mouth	g		
	Bay			
07/24/1986	Stream	g		NOTHING.
Len Schwarz	Mouth	g		
	Bay			
08/05/1986	Stream	g		
Len Schwarz	Mouth	g		
	Bay			

08/28/1986	Stream	g	325	
Len Schwarz	Mouth	g		
	Bay			
07/24/1987	Stream	g	25	
Len Schwarz	Mouth	g		
	Bay			
07/31/1987	Stream	g		NOTHING.
Arnie Shaul	Mouth	g		
	Bay			
08/06/1987	Stream	g		25 AT MOUTH.
Len Schwarz	Mouth	g		
	Bay			
08/12/1987	Stream	g		NOTHING.
Len Schwarz	Mouth	g		
	Bay			
08/20/1987	Stream	g		NOTHING.
Len Schwarz	Mouth	g		
	Bay			
08/27/1987	Stream	g	400	
Arnie Shaul	Mouth	g		200
	Bay			
07/15/1988	Stream			
Pete Probasco	Mouth			
	Bay		400	
07/28/1988	Stream	g		250 ALL WERE DEAD.
Len Schwarz	Mouth	g		

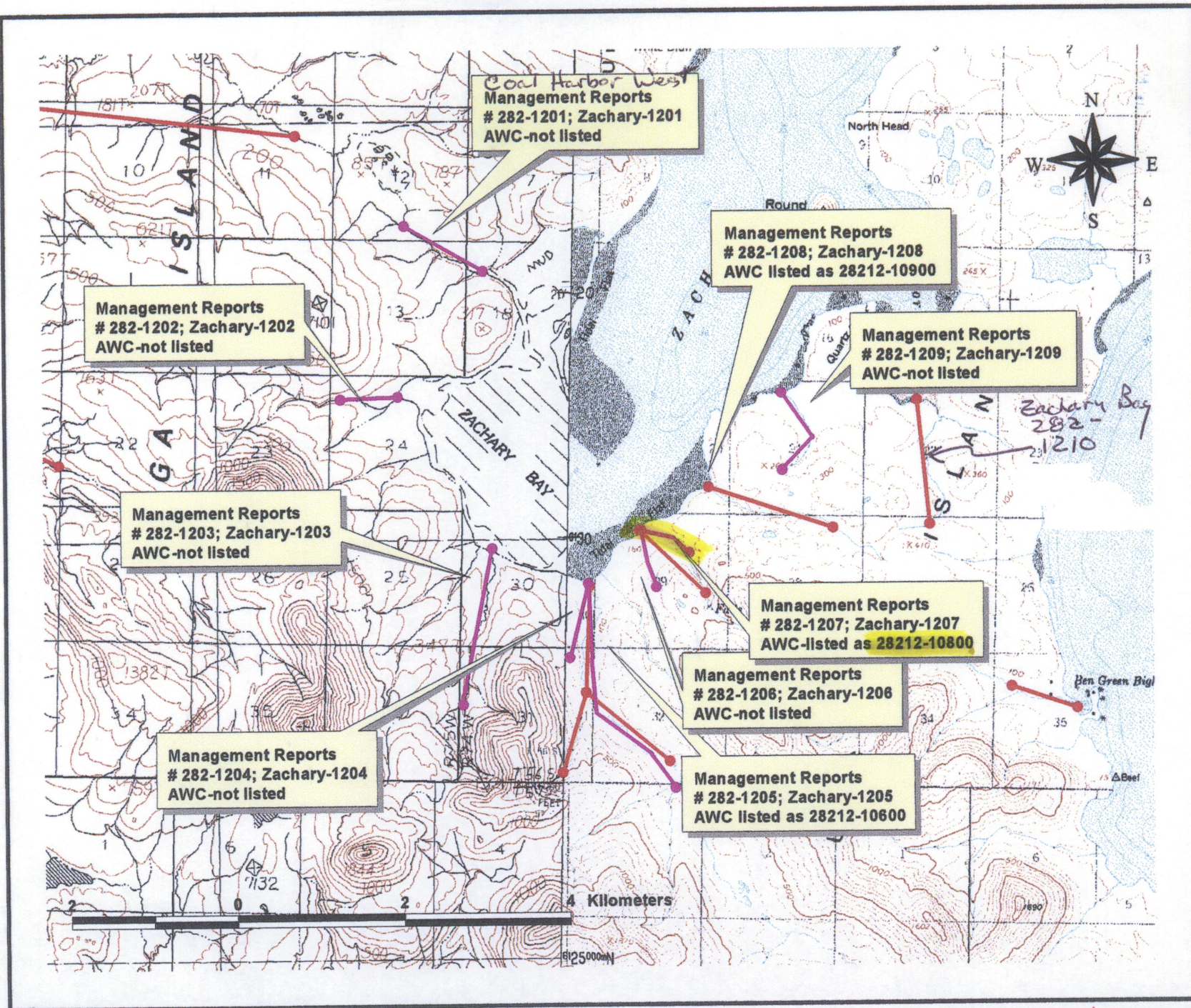
		Bay							
08/11/1988		Stream	g						NOTHING.
	Len Schwarz	Mouth	g						
		Bay							
08/17/1988		Stream	g						NOTHING.
	Len Schwarz	Mouth	g						
		Bay							
08/20/1988		Stream	g						1,000 PINKS ALONG BEACH.
	Len Schwarz	Mouth	g						
		Bay							
09/01/1988		Stream	g				60		
	Len Schwarz	Mouth	g				500		
		Bay							
08/29/1989		Stream	g				750		AT LEAST 3 TIMES AS MANY ADDITIONAL CARCASSES AS
	Len Schwarz	Mouth	g						LIVE.
		Bay							
07/28/1990		Stream	g						GOOD CONDITIONS.
	Jim Mccullough	Mouth	g						
		Bay							
08/29/1990		Stream	g				125		GOOD CONDITIONS.
	Jim Mccullough	Mouth	g				50		
		Bay							
07/21/1991		Stream	E	0	0	0	0	0	DISTANCE SURVEYED: STREAM MOUTH. EXCELLENT
	Jim Mccullough	Mouth	E	0	0	0	25	0	CONDITIONS.
		Bay	E	0	0	0	0	0	
08/04/1991		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.

	Jim Mccullough	Mouth	G	0	0	0	0	0	100 CHUM CARCASSES.
		Bay	G	0	0	0	0	0	
08/11/1991		Stream		0	0	0	200	0	DISTANCE SURVEYED: ENTIRE AREA. "REMARKS"
	Mark Stopha	Mouth		0	0	0	3,000	0	UNREADABLE.
		Bay		0	0	0	0	0	
07/15/1992		Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
	Jim Mccullough	Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
08/20/1992		Stream	G	0	0	0	150	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS
	Jim Mccullough	Mouth	G	0	0	0	0	0	- HELICOPTER SURVEY.
		Bay	G	0	0	0	0	0	
07/28/1993		Stream	F	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE AREA. FAIR CONDITIONS.
	Jim Mccullough	Mouth	F	0	0	0	0	200	
		Bay	F	0	0	0	0	0	
08/02/1993		Stream	G	0	0	0	25	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
	Jim Mccullough	Mouth	G	0	0	0	350	0	
		Bay	G	0	0	0	0	0	
08/07/1993		Stream	G	0	0	0	100	0	DISTANCE SURVEYED: ENTIRE AREA. 250 MOUTH FISH
	Jim Mccullough	Mouth	G	0	0	0	250	0	1207 AND 1206 SHARED.
		Bay	G	0	0	0	0	0	
08/22/1993		Stream	G	0	0	0	700	0	DISTANCE SURVEYED: ENTIRE AREA. GOOD CONDITIONS.
	Jim Mccullough	Mouth	G	0	0	0	0	0	300 SALMON CARCASSES AT MOUTH (SHARED WITH 1206).
		Bay	G	0	0	0	0	0	
08/30/1994		Stream	G	0	0	0	25	0	DISTANCE SURVEYED: ENTIRE STREAM. PLUS 175
	Jim Mccullough	Mouth	G	0	0	0	0	0	SALMON CARCASSES.
		Bay	G	0	0	0	0	0	

07/27/1995	Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM.
Rod Campbell	Mouth	G	0	0	0	0	150	
	Bay	G	0	0	0	0	0	
08/01/1995	Stream	G	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM.
Jim Mccullough	Mouth	G	0	0	0	750	0	
	Bay	F	0	0	0	0	0	
08/15/1995	Stream	E	0	0	0	300	0	DISTANCE SURVEYED: ENTIRE STREAM.
Jim Mccullough	Mouth	E	0	0	0	2,000	0	
	Bay	G	0	0	0	0	0	
08/28/1995	Stream	E	0	0	0	300	0	DISTANCE SURVEYED: ENTIRE STREAM. ADDITIONAL 100
Jim Mccullough	Mouth	E	0	0	0	1,500	0	PINK CARCASSES.
	Bay	E	0	0	0	0	0	
09/13/1995	Stream		0	0	0	200	0	DISTANCE SURVEYED: ENTIRE STREAM. ADDITIONAL
Jim Mccullough	Mouth		0	0	0	0	0	1,200 PINK CARCASSES.
	Bay		0	0	0	0	0	
07/25/1996	Stream		0	0	0	0	0	DISTANCE SURVEYED: STREAM MOUTH ONLY.
Rod Campbell	Mouth	G	0	0	0	0	200	
	Bay		0	0	0	0	0	
08/15/1996	Stream	P	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM. POOR
Jim Cofske	Mouth	P	0	0	0	0	0	CONDITIONS DUE TO LOW LIGHT LEVELS AND OVERHANGING
	Bay		0	0	0	0	0	BRUSH.
08/23/1996	Stream	P	0	0	0	0	0	DISTANCE SURVEYED: ENTIRE STREAM. LOW LIGHT.
Rod Campbell	Mouth	P	0	0	0	0	0	COULD ONLY SEE CARCASSES. 200 PINK CARCASSES AT
	Bay		0	0	0	0	0	MOUTH AND 100 PINK(?) CARCASSES IN STREAM.
07/07/1997	Stream							DIST SURVEYED: PARTIAL SURVEY BAY & MOUTH ONLY
Rod Campbell	Mouth	G	0	0	0	0	50	
	Bay	G	0	0	0	0	0	

07/11/1997	Stream						PARTIAL SURVEY BAY & MOUTH ONLY
Matt Ford	Mouth	G	0	0	0	0	0
	Bay	G	0	0	0	0	0
08/12/1997	Stream	G	0	0	0	200	0 DISTANCE SURVEYED: GOOD CONDITIONS
Jim Cofske	Mouth	G	0	0	0	4,000	0
	Bay	G	0	0	0	0	0
07/14/1998	Stream						PARTIAL SURVEY MOUTH ONLY - NO FISH OBSERVED -
Rod Campbell	Mouth	G	0	0	0	0	0 MINUS LOW TIDE
	Bay						
07/20/1998	Stream	G	0	0	0	0	0 NO FISH OR JUMPERS OBSERVED.
Rod Campbell	Mouth	G	0	0	0	0	0
	Bay	G	0	0	0	0	0
07/31/1998	Stream	G	0	0	0	0	0
Rod Campbell	Mouth	G	0	0	0	0	0
	Bay	G	0	0	0	0	150
08/05/1998	Stream	F	0	0	0	0	200 TURBULENT.
Rod Campbell	Mouth	F	0	0	0	0	0
	Bay	F	0	0	0	1,750	0
09/04/1998	Stream	F	0	0	0	150	0 LOW LIGHT DARK CLOUD OVERHEAD. PLUS 200 PINK
Rod Campbell	Mouth	F	0	0	0	0	0 CARCASSES.
	Bay	F	0	0	0	0	0
07/13/1999	Stream	G					
Witteveen	Mouth	G	0	0	0	0	0
	Bay	G	0	0	0	0	0
07/20/1999	Stream	G					MOUTH ONLY
Witteveen	Mouth	G	0	0	0	0	0

Bay G 0 0 0 0 0



Map of Zachary Bay, Unga Island in the Shumagin Islands.

Red shows AWC stream layer in ArcView 3.0
Change # From 282-12-10800 TO 282-12-10700